

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A medical instrument for transdermally administering a medicine comprising a bag and an ionic medicine or an ionic medicine-containing substance sealed in the bag, said bag comprising an anion exchange membrane and a cation exchange membrane which are melt-adhered to each other along the peripheral edges thereof, said anion-exchange membrane and said cation-exchange membrane each comprising a film or sheet of a porous thermoplastic resin having a porosity of from 20% to 95%, and a cross-linked ion-exchange resin in the pores of said thermoplastic resin in a filling ratio of from 5% to 95% by weight, wherein said cross-linked ion-exchange resin is a cation-exchange resin or an anion-exchange resin as determined by the ionic medicine to be administered.

2. (Previously Cancelled).

3. (Previously Cancelled).

4. (Original) A medical instrument for transdermally administering a medicine according to claim 1, wherein the ionic

medicine-containing substance is a sheet or a film impregnated with a solution of an ionic medicine.

5. (Original) A medical instrument for transdermally administering a medicine according to claim 1, which is used for the iontophoresis.

6. (Currently amended) A portable iontophoresis device comprising a medical instrument for transdermally administering a medicine of claim 1, a working electrode ~~connected to the medical instrument~~, and a counter electrode electrically connected to the working electrode through a cell, wherein said medical instrument is arranged so that the anion-exchange membrane or the cation-exchange membrane which permeates ions of the same polarity as pharmacologically effective ions of the medicine is capable of coming in contact with a surface of a living body, and the anion-exchange membrane or cation-exchange membrane which permeates ions of a polarity opposite to that of the pharmacologically effective ions of the medicine is connected to the working electrode through an electrolyte layer.

7. (Original) A portable iontophoresis device according to claim 6, wherein the working electrode and the counter electrode are mounted on a flexible armoring member.

8. (Cancelled).

9. (Original) A portable iontophoresis device according to claim 7, wherein the counter electrode is provided with an electrolyte layer in the form of a paste or a gel, and the electrolyte layer and the medical instrument for transdermally administering the medicine are used being in contact with the surface of the living body.